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Application Number	09/898,850
Filing Date	July 3, 2001
First Named Inventor	Ungerboeck
Group Art Unit	2681
Examiner Name	unassigned
Attorney Docket Number	13226US02

Total Number of Pages in This Submission

ENCLOSURES (check all that apply)

<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Return-receipt post card PTO Form 1449 (in duplicate)
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Remarks

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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	McAndrews Held & Malloy, Ltd.
Signature	<i>Michael T. Cruz</i>
Date	January 28, 2003

EXPRESS MAIL

Label No.: EV 134752231 US:	Date: January 28, 2003
Name (Print/type)	Michael T. Cruz
Registration No. (Attorney/Agent)	44,636
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Date	January 28, 2003



PATENT
Attorney Docket No. 13226US02

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT APPLICATION OF:

G. Ungerboeck et al.

SERIAL NO.: 09/898,850

FILED: July 3, 2001

FOR: SYSTEM AND METHOD FOR
HUFFMAN SHAPING IN A
DATA COMMUNICATION
SYSTEM

GROUP ART UNIT: 2681

EXAMINER: unassigned

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Label No.: EV 134752231 US

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
Washington, D.C. 20231

Sir:

Applicants submit herewith a copy of each of the following references cited for consideration in connection with the above application.

<u>U.S. Patent No.</u>	<u>Inventor(s)</u>	<u>Issue Date</u>
4,586,182	Gallager	April 29, 1986

Other Documents (Including Author, Title, Date, Pertinent Pages, Etc.)

Gottfried Ungerboeck, "Chapter 11: Huffman Shaping," Codes, Graphs, and Systems, pp. 295-310 (March 2002).

Julia Abrahams, "Variable-Length Unequal Cost Parsing and Coding for Shaping," 44 IEEE Transactions on Information Theory, No. 4, pp. 1648-1650 (July 1998).

Frank R. Kschischang, "Optimal Nonuniform Signaling for Gaussian Channels," 39 IEEE Transactions on Information Theory, No. 3, pp. 913-929 (May 1993).

Steven W. McLaughlin et al., "Shaping Codes Constructed from Cost-Constrained Graphs," 43 IEEE Transactions on Information Theory, No. 2, pp. 692-699 (March 1997).

The above references are listed on the enclosed Form PTO-1449 (in duplicate) entitled "Information Disclosure Citation."

This Supplemental Information Disclosure Statement is being submitted before the receipt of a first Office Action on the merits of the application.

Please charge any fees incurred in connection with this submission to Deposit Account No. 13-0017, in the name of McAndrews, Held & Malloy, Ltd.

Date: January 28, 2003

Respectfully submitted,



Michael T. Cruz
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